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 GCGGATCAGTTACCATCAAAATGCCACTTCTCTGAAATGCATGTGAGGATATATCTGTGCCGGGAGATGGCTGGATCTGG
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FIG._1

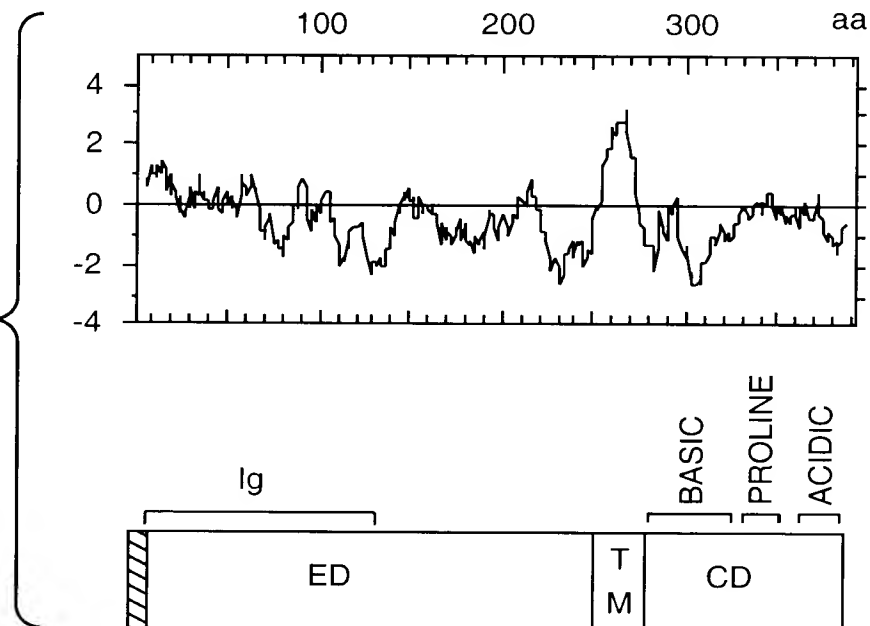
Coding region: Capitalized

Leader sequence: Underlined

Transmembrane region: Double underlined

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1 MDFWLWPLYF LPVSGALRIL PEVKVEGELG GSVTIKCPLP EMHVRIYLCR
 51 EMAGSGTCGT VVSTTNFIKA EYKGRVTLKQ YPRKNLFLVE VTQLTESDSG
 101 VYACGAGMNT DRGKTQKVTL NVHSEYEPSW EEQPMPEPK WFHLPYLFQM
 151 PAYASSSKFV TRVTTPAQRG KVPPVHHSSP TTQITHRPRV SRASSVAGDK
 201 PRTFLPSTTA SKISALEGLL KPQTPSYNHH TRLHRQRALD YGSQSGREGQ
 251 GFHILIPTIL GLFLLALLGL VVKRAVERRK ALSRRARRLA VRMRALESSQ
 301 RPRGSPRPRS QNNIYSACPR RARGADAAGT GEAPVPGPGA PLPPAPLQVS
 351 ESPWLHAPSL KTSCEYVSLY HQPAAMMEDS DSDDYINVPA

FIG._2a**FIG._2b**

[illegible]

Toso: 300 QRRGSGPRRSQNNLYACPRRARGADAAGTGEAFVPGPGAPL
FAST kinase: 2 RRRRGEPGPRA-----PRPTEGATCAGPGESWSPSPNSML
Acid SMase: 1 MPFRYGASLRQSCPRSGREQQDGTAGAPGLLWMGLV

Toso: 351 ESPWLHAPSLKTSCEYVSL

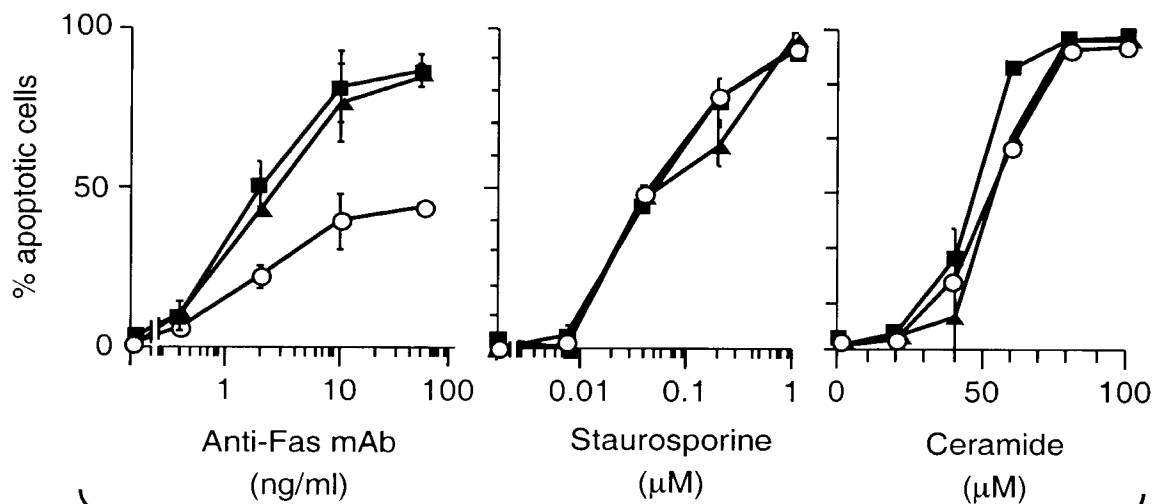
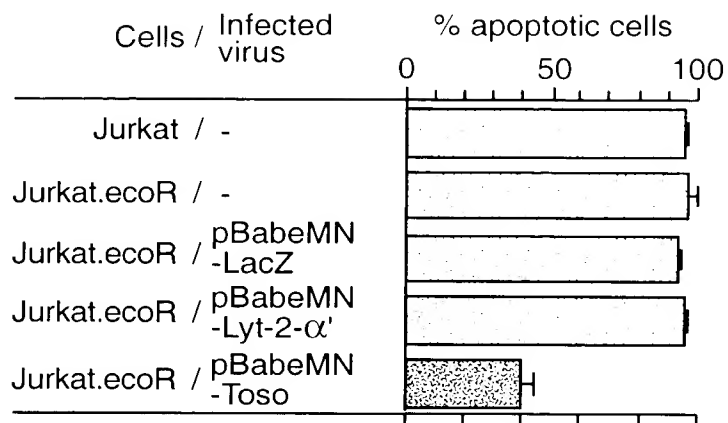
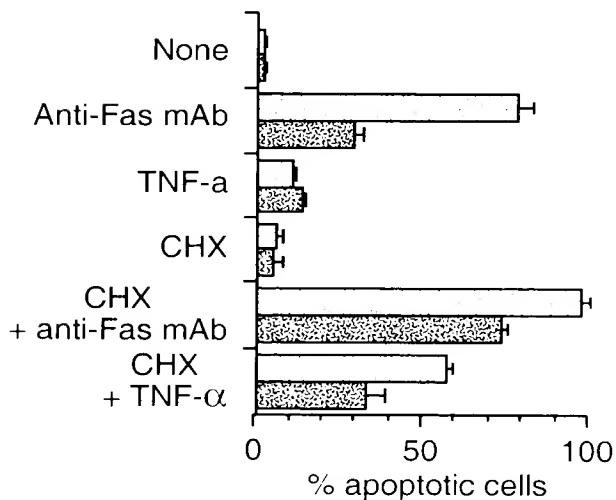
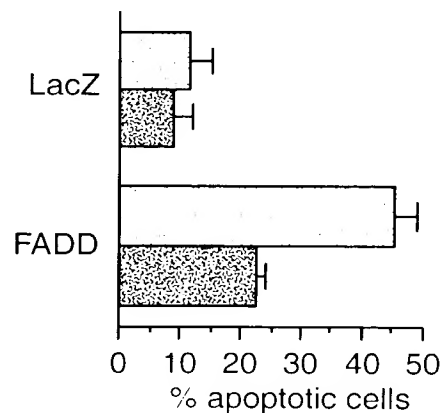
Op-IAP: 162 DAPWQQHARWYDRCEYVLL

IRS-1: 881 QQPLLHPPEPKSPGEYVNI

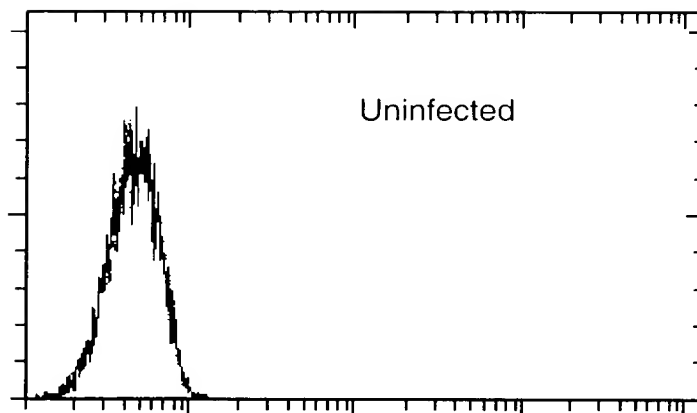
Acid SMase: 349 WEPWLPAAFLRTLRIGGFY

FIG. 3

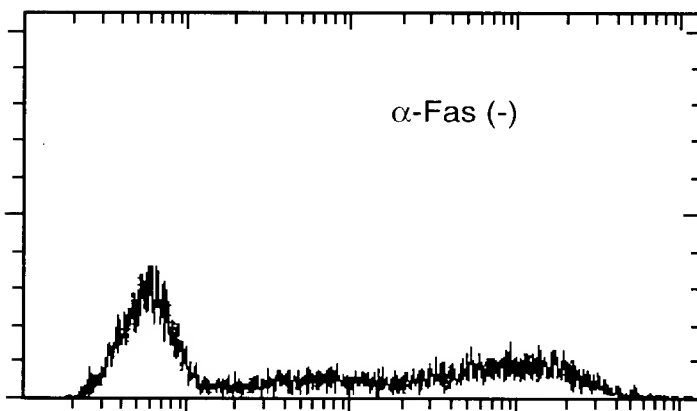
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FIG._4a**FIG._4b****FIG._4c****FIG._4d**

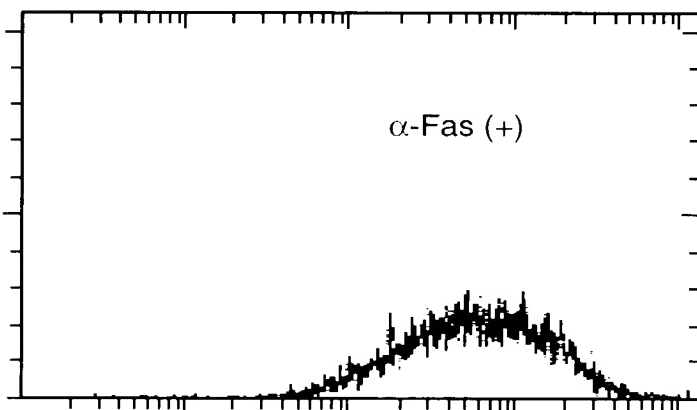
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FIG._4eRelative cell
number

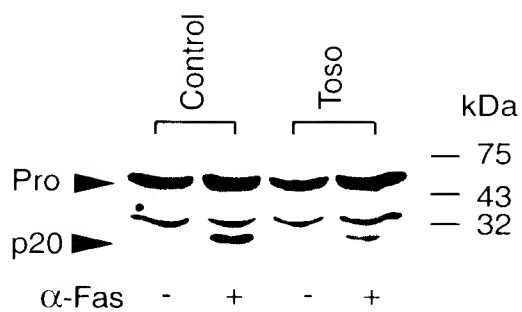
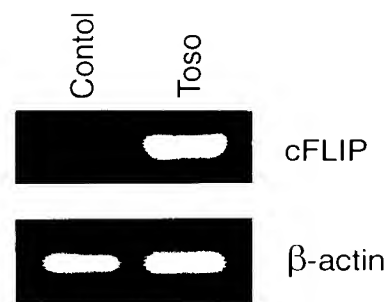
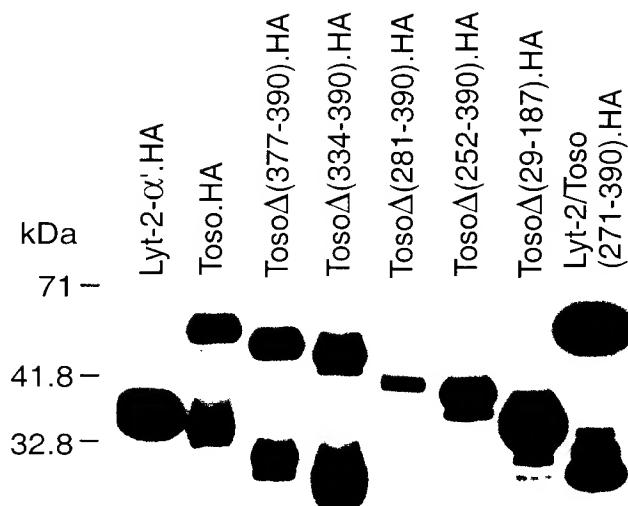
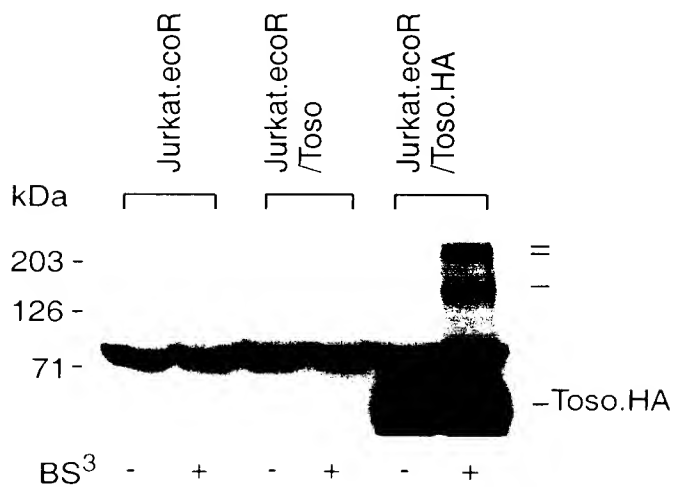
GFP expression

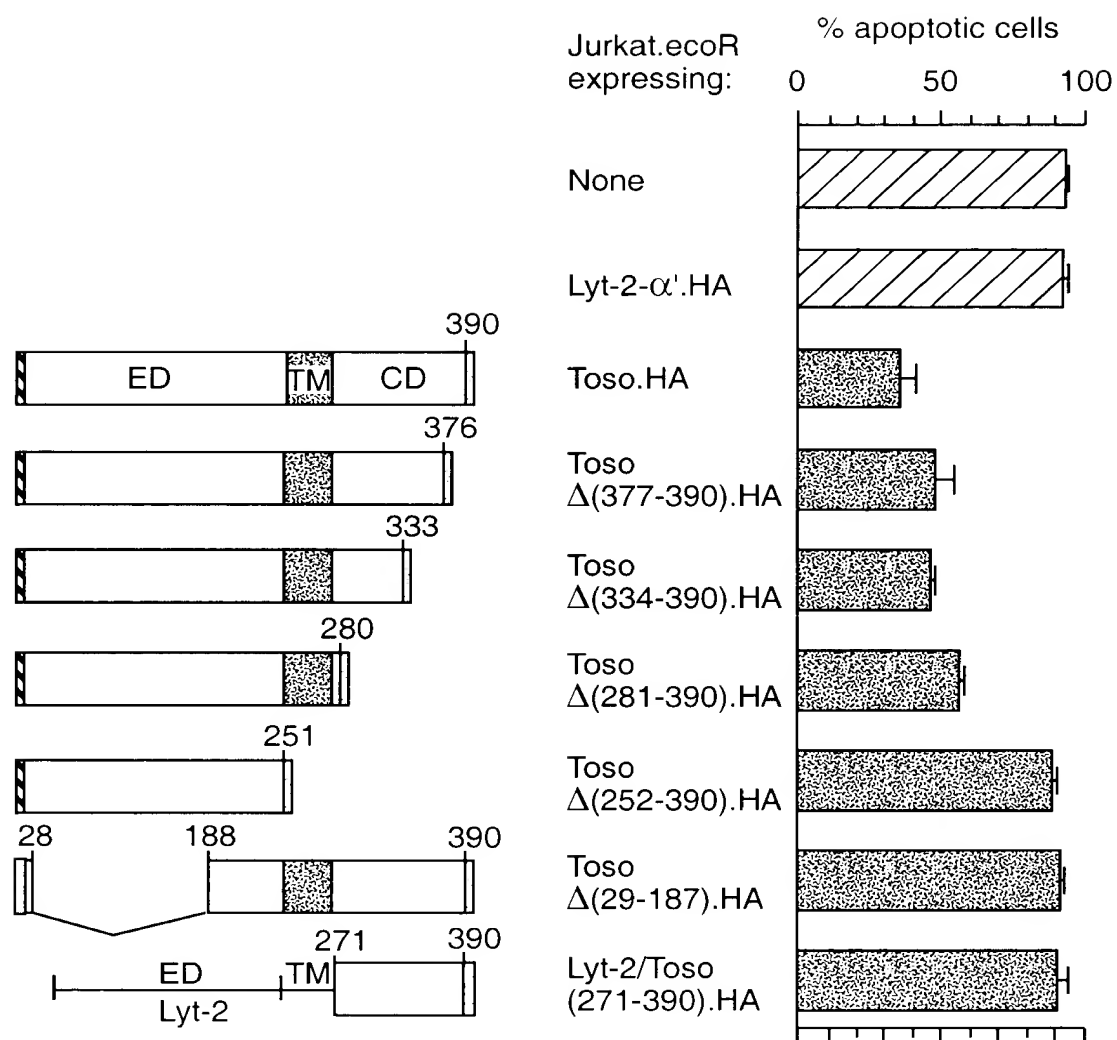
Relative cell
number

GFP expression

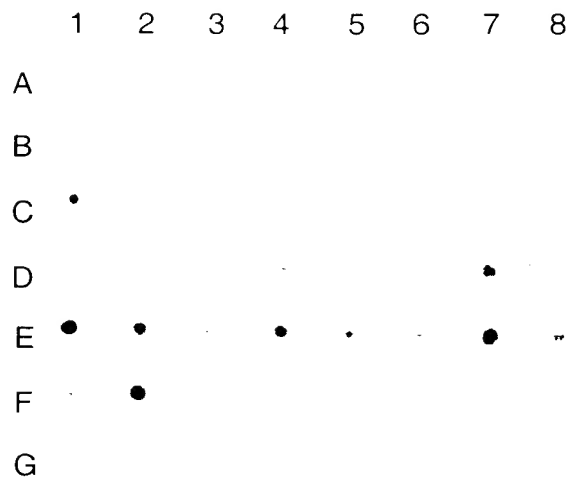
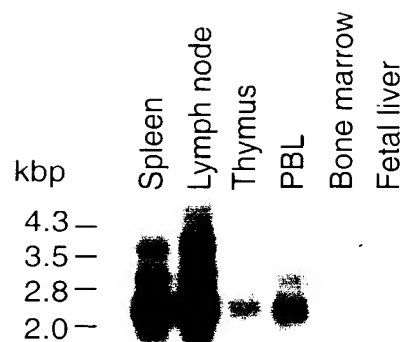
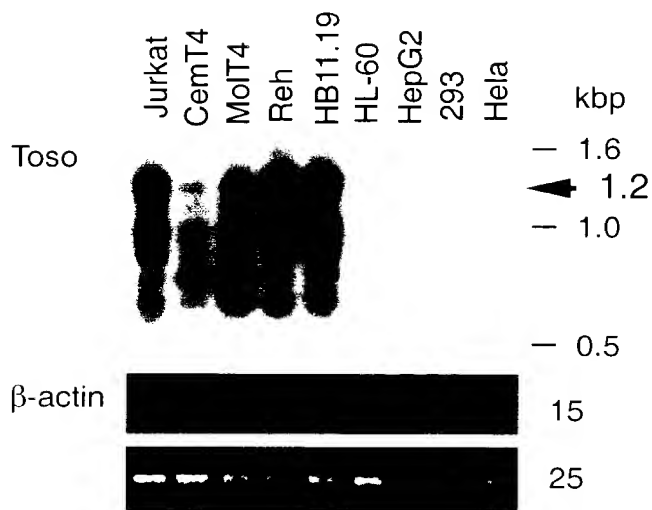
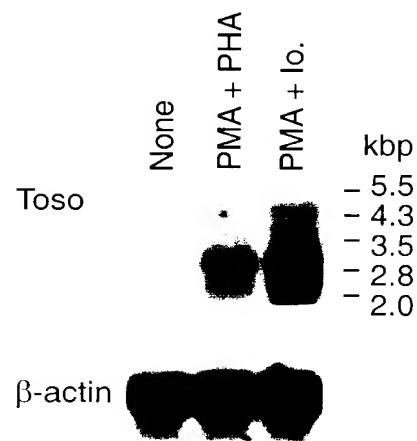
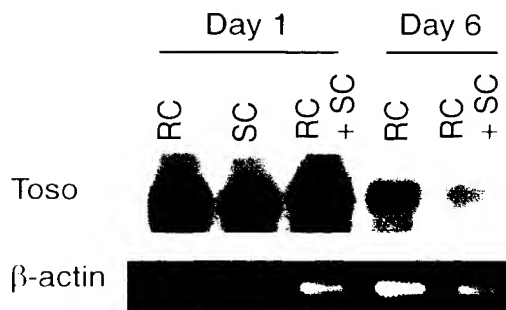
Relative cell
number

GFP expression

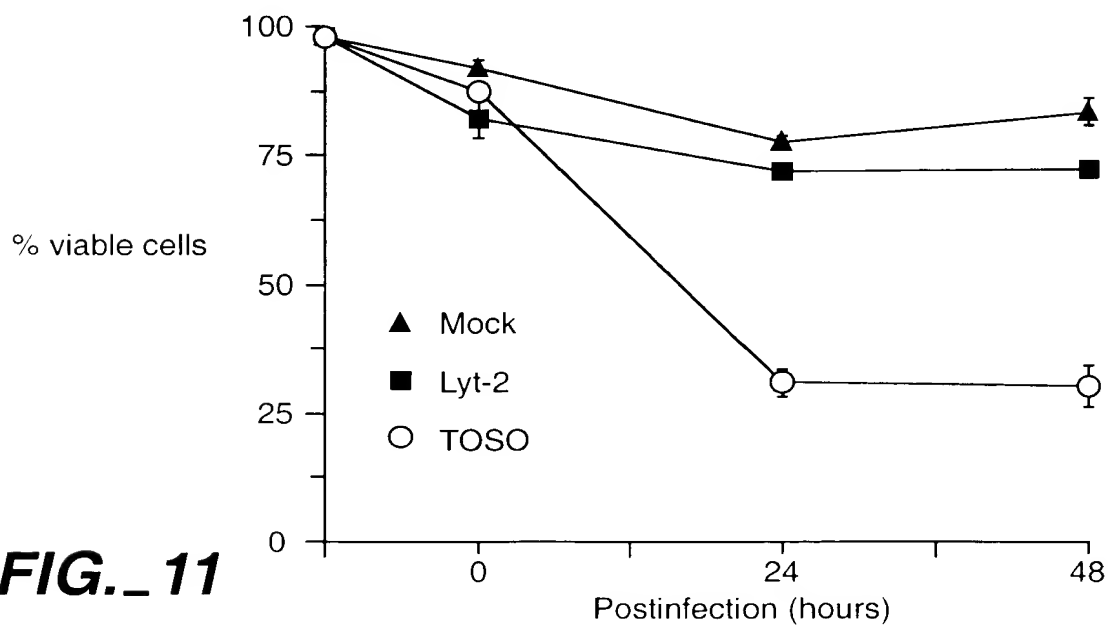
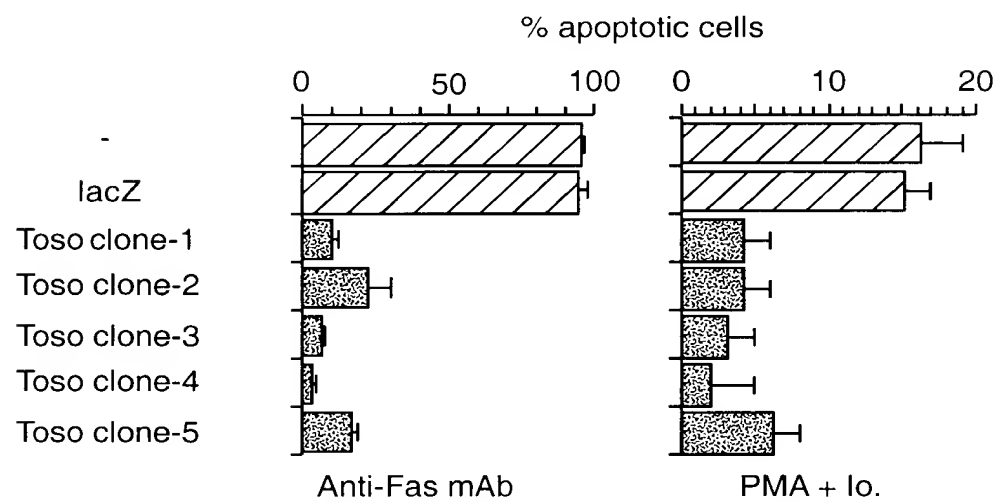
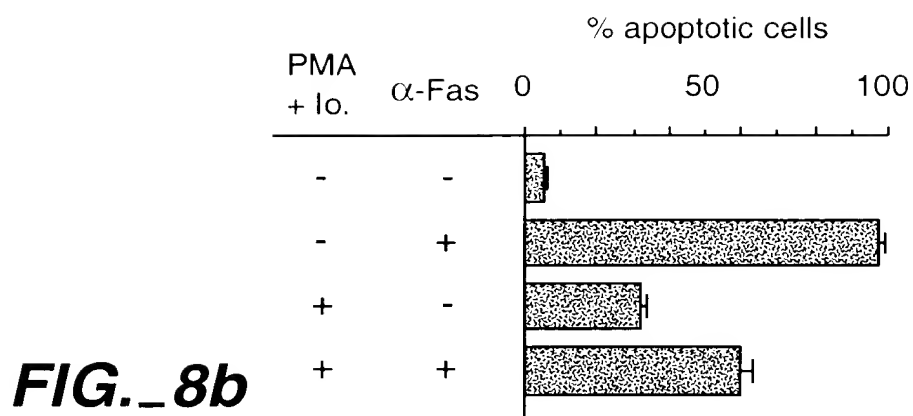
**FIG._5a****FIG._5b****FIG._6b****FIG._6c**

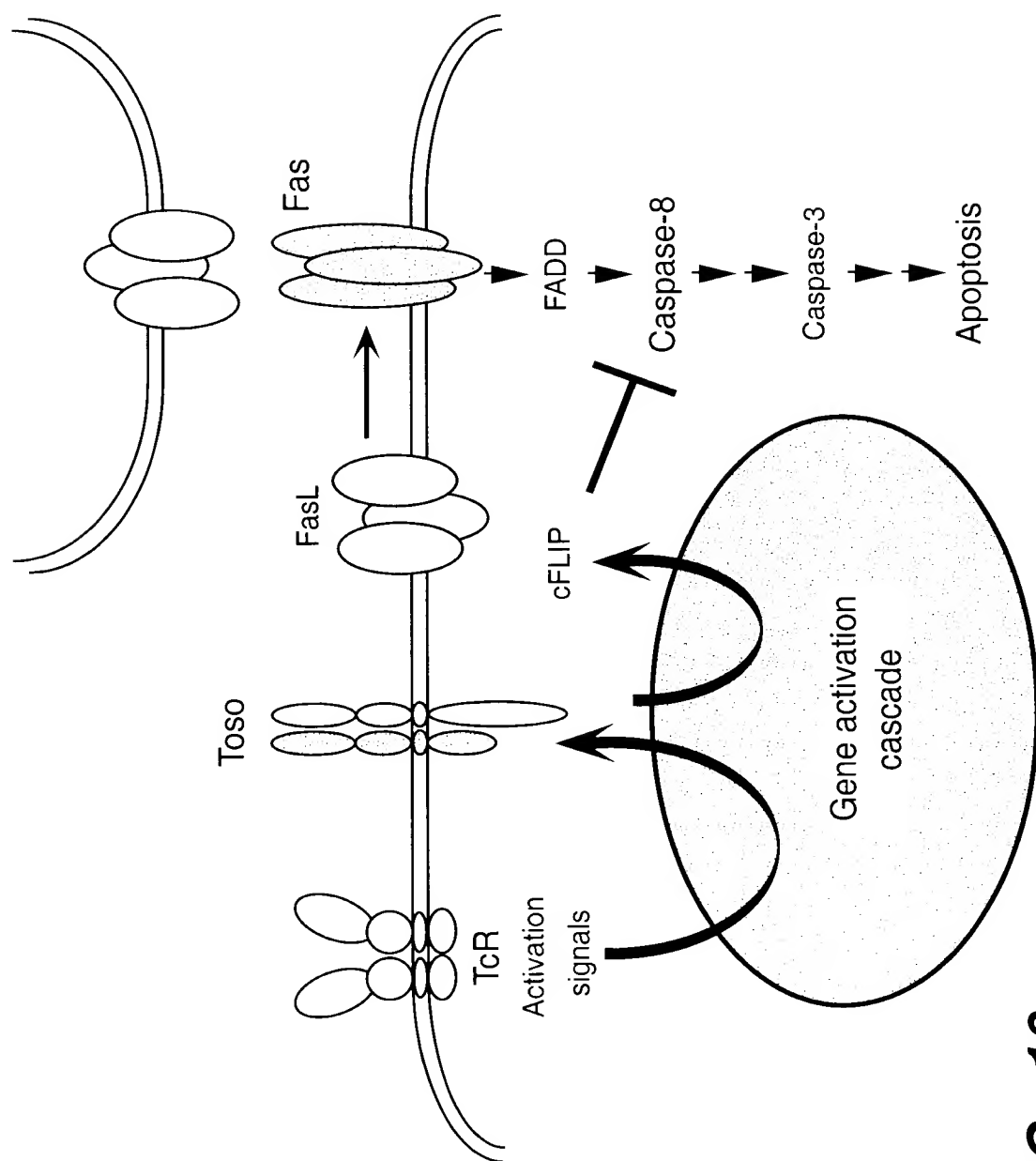
**FIG. 6a**

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**FIG._7a****FIG._7b****FIG._7c****FIG._8a****FIG._9a****FIG._9b**

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**FIG._10**